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(54) Title: HIGH POTENCY DOPAMINERGIC TREATMENT OF NEUROLOGICAL IMPAIRMENT ASSOCIATED WITH
BRAIN INJURY

(57) Abstract: Methods and compositions are described for treating impaired neurological function, including altered state of consciousness disorders, in an individual who has sustained a brain injury comprising administering to the individual apomorphine. Methods and compositions are described for treating impaired neurological function, including altered state of consciousness disorders, in an individual who has sustained a brain injury comprising administering to the individual at least 1000mg or more of L-dopa (levodopa) per day. The use of potent dopaminergic agents to stimulate emergence from an altered consciousness state, such as a coma, is disclosed.

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A61K 31/55, 31/52, 31/44, 31/415
US CL : 514/217, 263.31, 284, 394, 395

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 514/217, 263.31, 284, 394, 395

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
none

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
CAS-ONLINE, EAST

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|---|-----------------------|
| X | SPIRIDONOV, V.K. et al. Activity of dopaminergic endings of rat forebrain nuclei during electroconvulsive amnesia and restoration of conditioned reaction of passive avoidance with apomorphine. 1981, Vol. 31. No. 2, pages 409-411. | 1-88 |
| X | US 3,961,060 A (FUXE) 01 June 1976 (01.06.1976), see the entire document. | 1-88 |
| Y | US 6,310,085 B1 (WILLIS) 30 October 2001 (30.10.2001), see the entire document. | 29-88 |

Further documents are listed in the continuation of Box C.

See patent family annex.

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